

Nov. 18, 1965

Dear Louis,

STATINTL

I am enclosing the optical layout for the stereo-microscope. An objective is needed near the ocular according to the layout I sent in September. Its focal ~~len~~ length will be 240 mm. The Bichan will fit in the 82.96 mm space. I will send dimensions on it tomorrow since I didn't want to hold this any longer. The light between this portion of the optics and the objective & ocular prisms is parallel. The light through the rhomboid is also parallel. The final layout will not depart much from the enclosed.

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Dec. 4, 1965

Dear Louis,

STATINTL

I have requested the [redacted] Post Office to send through a tracer to see what happened with the drawing I mailed over two weeks ago.

● I am enclosing a rough drawing of optical lay out. The part which is not shown is pretty much like the information sent to you in September with the exception that the eyepiece objective will have a focal length of 240 mm.

● The 4x, 2x, and 1x objectives are completely designed. The work is now continuing on the zoom system and two ~~objective~~ auxiliary lenses. With a few more satisfactory computer runs on the IBM 7094 the system should be complete.

STATINTL

P.S. The original was sent in this same type envelope.

STATOTHR